

APPLICABLE STANDARD							
RATING	OPERATING TEMPERATURE RANGE	-30°C TO 85°C (NOTE1)		STORAGE TEMPERATURE RANGE	-10°C TO 60°C (NOTE3)		
	OPERATING HUMIDITY RANGE	40% TO 80% (NOTE2)		STORAGE HUMIDITY RANGE	40% TO 70% (NOTE3)		
	VOLTAGE	AC 250 V	UL・CSA RATING	AC 30 V	APPLICABLE CABLE	UL1061, 1007 AWG22 TO 28	
	CURRENT	2 A		2 A	APPLICABLE CONTACT	DF11-22SC* DF11-2428SC* DF11-30SC*	
SPECIFICATIONS							
ITEM		TEST METHOD			REQUIREMENTS	QT	AT
CONSTRUCTION							
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.	X	X
MARKING		CONFIRMED VISUALLY.				X	X
ELECTRIC CHARACTERISTICS							
INSULATION RESISTANCE		500 V DC.			1000 MΩ MIN.	X	—
VOLTAGE PROOF		650 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.	X	—
MECHANICAL CHARACTERISTICS							
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.			NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.			NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				X	—
ENVIRONMENTAL CHARACTERISTICS							
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			① INSULATION RESISTANCE: 500 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→ 5TO35→ 85→ 5TO35 °C TIME 30 → 5 → 30 → 5 min UNDER 5 CYCLES.			① INSULATION RESISTANCE: 1000MΩ MIN ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
REMARKS							
NOTE 1: INCLUDING THE TEMPERATURE RISE BY CURRENT.							
NOTE 2:NO CONDENSING.							
NOTE 3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTSBEFORE PCB ON BOARD,AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.							
Unless otherwise specified, refer to JIS C 5402.							
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE	
△							
				APPROVED	TS. SAKATA	08. 12. 24	
				CHECKED	TS. KUMAZAWA	08. 12. 24	
				DESIGNED	KT. ISHII	08. 12. 22	
				DRAWN	KT. ISHII	08. 12. 22	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-020809-01	
HRS	SPECIFICATION SHEET			PART NO.	DF11-28DS-2C		
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL543-0513-4-00	△	1/1